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This listing of claims will replace all prior versions, and listings, of claims in the application.

## Listing of Claims:

1. (Original) A compound, comprising: a targeting moiety and a chelator, wherein the targeting moiety is bound to the chelator, is a indazole nonpeptide, and binds to a receptor that is upregulated during angiogenesis and the compound has 0-1 linking groups between the targeting moiety and chelator.

2. (Original) A compound according to Claim 1, wherein the receptor is the integrin  $\alpha_{\nu}\beta_{3}$  or  $\alpha_{\nu}\beta_{5}$  and the compound is of the formula:

$$(Q)_d$$
- $L_n$ - $C_h$  or  $(Q)_d$ - $L_n$ - $(C_h)_d$ ,

wherein, Q is independently a compound of Formula (Ia) or (Ib):

$$R^{1d}$$
 $X^{4d}$ 
 $X^{3d}$ 
 $X^{3d}$ 
 $X^{2d}$ 
 $X^{2d}$ 
 $X^{2d}$ 
 $X^{2d}$ 
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$$R^{1de}$$
 $N$ 
 $X^{4d}$ 
 $X^{3d}$ 
 $X^{3d}$ 
 $X^{2d}$ 
 $X^{2d}$ 

including stereoisomeric forms thereof, or mixtures of stereoisomeric forms thereof, or pharmaceutically acceptable salt or prodrug forms thereof wherein:

 $X^{1d}$  is N, CH, C-W<sup>d</sup>-X<sup>d</sup>-Y<sup>d</sup>, or C-L<sub>n</sub>;  $X^{2d}$  is N, CH, or C-W<sup>d</sup>-X<sup>d</sup>-Y<sup>d</sup>;  $X^{3d}$  is N,  $CR^{11d}$ , or C-W<sup>d</sup>-X<sup>d</sup>-Y<sup>d</sup>;  $X^{4d}$  is N or  $CR^{11d}$ ;

provided that when  $R^{1d}$  is  $R^{1de}$  then one of  $X^{1d}$  and  $X^{2d}$  is  $C-W^d-X^d-Y^d$ , and when  $R^{10d}$  is  $R^{1de}$  then  $X^{3d}$  is  $C-W^d-X^d-Y^d$ ;

 $R^{1d}$  is selected from:  $R^{1de}$ ,  $C_1$ - $C_6$  alkyl substituted with 0-1  $R^{15d}$  or 0-1  $R^{21d}$ ,  $C_3$ - $C_6$  alkenyl substituted with 0-1  $R^{15d}$  or 0-1  $R^{21d}$ ,  $C_3$ - $C_7$  cycloalkyl substituted with 0-1  $R^{15d}$  or 0-1  $R^{21d}$ ,  $C_4$ - $C_{11}$  cycloalkylalkyl substituted with 0-1  $R^{15d}$  or 0-1  $R^{21d}$ , aryl substituted with 0-1  $R^{15d}$  or 0-2  $R^{11d}$  or 0-1  $R^{21d}$ , and aryl ( $C_1$ - $C_6$  alkyl) - substituted with 0-1  $R^{15d}$  or 0-2  $R^{11d}$  or 0-1  $R^{21d}$ ;

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R<sup>1de</sup> is selected from:

$$-U^{d}(NR^{6d}) \longrightarrow_{\mathbb{R}^{d}} \longrightarrow_{\mathbb{R}^{d}}$$

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 $A^{d}$  and  $B^{d}$  are independently -CH<sub>2</sub>-, -O-, -N(R<sup>2d</sup>)-, or -C(=O)-;

 $A^{1d}$  and  $B^{1d}$  are independently -CH<sub>2</sub>- or -N(R<sup>3d</sup>)-;

 $D^{d}$  is  $-N(R^{2d})$  -, -O -, -S -, -C(=O) - or  $-SO_{2}$  -;

$$\begin{split} E^{d} - F^{d} & \text{ is } - C\left(R^{4d}\right) = C\left(R^{5d}\right) - , & -N = C\left(R^{4d}\right) - , & -C\left(R^{4d}\right) = N - , & \text{ or } \\ & - C\left(R^{4d}\right) \ _{2}C\left(R^{5d}\right) \ _{2} - ; \end{split}$$

- $J^d$ ,  $K^d$ ,  $L^d$  and  $M^d$  are independently selected from  $-C(R^{4d}) , -C(R^{5d}) \mbox{ and } -N , \mbox{ provided that at least one of } J^d$ ,  $K^d$ ,  $L^d$  and  $M^d$  is not -N ;
- R<sup>2d</sup> is selected from: H, C<sub>1</sub>-C<sub>6</sub> alkyl, (C<sub>1</sub>-C<sub>6</sub> alkyl)carbonyl, (C<sub>1</sub>-C<sub>6</sub> alkoxy)carbonyl; (C<sub>1</sub>-C<sub>6</sub> alkyl)aminocarbonyl, C<sub>3</sub>-C<sub>6</sub> alkenyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>11</sub> cycloalkylalkyl, aryl, heteroaryl(C<sub>1</sub>-C<sub>6</sub> alkyl)carbonyl, heteroarylcarbonyl, aryl(C<sub>1</sub>-C<sub>6</sub> alkyl)-, (C<sub>1</sub>-C<sub>6</sub> alkyl)carbonyl-, arylcarbonyl, C<sub>1</sub>-C<sub>6</sub> alkylsulfonyl, arylsulfonyl, aryl(C<sub>1</sub>-C<sub>6</sub> alkyl)sulfonyl, heteroarylsulfonyl, heteroaryl(C<sub>1</sub>-C<sub>6</sub> alkyl)sulfonyl, aryloxycarbonyl, and aryl(C<sub>1</sub>-C<sub>6</sub> alkoxy)carbonyl, wherein said aryl groups are substituted with 0-2 substituents selected from the group: C<sub>1</sub>-C<sub>4</sub> alkyl, C<sub>1</sub>-C<sub>4</sub> alkoxy, halo, CF<sub>3</sub>, and nitro;
- $R^{3d}$  is selected from: H,  $C_1$ - $C_6$  alkyl,  $C_3$ - $C_7$  cycloalkyl,  $C_4$ - $C_{11}$  cycloalkylalkyl, aryl, aryl( $C_1$ - $C_6$  alkyl)-, and heteroaryl( $C_1$ - $C_6$  alkyl)-;
- $\rm R^{4d}$  and  $\rm R^{5d}$  are independently selected from: H,  $\rm C_1-C_4$  alkoxy,  $\rm NR^{2d}R^{3d},\ halogen,\ NO_2,\ CN,\ CF_3,\ C_1-C_6\ alkyl,\ C_3-C_6\ alkenyl,$

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 $C_3-C_7$  cycloalkyl,  $C_4-C_{11}$  cycloalkylalkyl, aryl, aryl( $C_1-C_6$  alkyl)-, ( $C_1-C_6$  alkyl)carbonyl, ( $C_1-C_6$  alkoxy)carbonyl, and arylcarbonyl, or

alternatively, when substituents on adjacent atoms, R<sup>4d</sup> and R<sup>5d</sup> can be taken together with the carbon atoms to which they are attached to form a 5-7 membered carbocyclic or 5-7 membered heterocyclic aromatic or non-aromatic ring system, said carbocyclic or heterocyclic ring being optionally substituted with 0-2 groups selected from: C<sub>1</sub>-C<sub>4</sub> alkyl, C<sub>1</sub>-C<sub>4</sub> alkoxy, halo, cyano, amino, CF<sub>3</sub>, and NO<sub>2</sub>;

Ud is selected from:

- $-(CH_2)_n^{d}$
- $-(CH_2)_n^d(CR^{7d}=CR^{8d})(CH_2)_m^{d}$
- $-(CH_2)_n^d(C\equiv C)(CH_2)_m^d-$
- $-(CH_2)_+dQ(CH_2)_md_-$
- $-(CH_2)_n^{dO}(CH_2)_m^{d-}$
- $-(CH_2)_n^{d}N(R^{6d})(CH_2)_m^{d}-$ ,
- $-(CH_2)_n^dC(=0)(CH_2)_m^d-$ ,
- $-(CH_2)_n^d(C=0)N(R^{6d})(CH_2)_m^d-$
- $-(CH_2)_n^{d}N(R^{6d})(C=0)(CH_2)_m^{d}-$ , and
- $-(CH_2)_n^{dS}(O)_n^{d}(CH_2)_m^{d}$ ;

wherein one or more of the methylene groups in  $U^d$  is optionally substituted with  $R^{7d}$ ;

Qd is selected from 1,2-cycloalkylene, 1,2-phenylene, 1,3-phenylene, 1,4-phenylene, 2,3-pyridinylene, 3,4-pyridinylene, 2,4-pyridinylene, and 3,4-pyridazinylene;

 $R^{6d}$  is selected from: H,  $C_1-C_4$  alkyl, and benzyl;

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- $R^{7d}$  and  $R^{8d}$  are independently selected from: H,  $C_1$ - $C_6$  alkyl,  $C_3$ - $C_7$  cycloalkyl,  $C_4$ - $C_{11}$  cycloalkylalkyl, aryl, aryl( $C_1$ - $C_6$  alkyl)-, and heteroaryl( $C_0$ - $C_6$  alkyl)-;
- R<sup>10d</sup> is selected from: H, R<sup>1de</sup>, C<sub>1</sub>-C<sub>4</sub> alkoxy substituted with 0-1 R<sup>21d</sup>, N(R<sup>6d</sup>)<sub>2</sub>, halogen, NO<sub>2</sub>, CN, CF<sub>3</sub>, CO<sub>2</sub>R<sup>17d</sup>, C(=0)R<sup>17d</sup>, CONR<sup>17d</sup>R<sup>20d</sup>, -SO<sub>2</sub>R<sup>17d</sup>, -SO<sub>2</sub>NR<sup>17d</sup>R<sup>20d</sup>, C<sub>1</sub>-C<sub>6</sub> alkyl substituted with 0-1 R<sup>15d</sup> or 0-1 R<sup>21d</sup>, C<sub>3</sub>-C<sub>6</sub> alkenyl substituted with 0-1 R<sup>15d</sup> or 0-1 R<sup>21d</sup>, C<sub>3</sub>-C<sub>7</sub> cycloalkyl substituted with 0-1 R<sup>15d</sup> or 0-1 R<sup>21d</sup>, C<sub>4</sub>-C<sub>11</sub> cycloalkylalkyl substituted with 0-1 R<sup>15d</sup> or 0-1 R<sup>21d</sup>, aryl substituted with 0-1 R<sup>15d</sup> or 0-2 R<sup>11d</sup> or 0-1 R<sup>21d</sup>, and aryl(C<sub>1</sub>-C<sub>6</sub> alkyl)- substituted with 0-1 R<sup>15d</sup> or 0-2 R<sup>11d</sup> or 0-1 R<sup>21d</sup>;
- R<sup>10de</sup> is selected from: H, C<sub>1</sub>-C<sub>4</sub> alkoxy substituted with 0-1 R<sup>21d</sup>, N(R<sup>6d</sup>)<sub>2</sub>, halogen, NO<sub>2</sub>, CN, CF<sub>3</sub>, CO<sub>2</sub>R<sup>17d</sup>, C(=O)R<sup>17d</sup>, CONR<sup>17d</sup>R<sup>20d</sup>, -SO<sub>2</sub>R<sup>17d</sup>, -SO<sub>2</sub>NR<sup>17d</sup>R<sup>20d</sup>, C<sub>1</sub>-C<sub>6</sub> alkyl substituted with 0-1 R<sup>15d</sup> or 0-1 R<sup>21d</sup>, C<sub>3</sub>-C<sub>6</sub> alkenyl substituted with 0-1 R<sup>15d</sup> or 0-1 R<sup>21d</sup>, C<sub>3</sub>-C<sub>7</sub> cycloalkyl substituted with 0-1 R<sup>15d</sup> or 0-1 R<sup>21d</sup>, C<sub>4</sub>-C<sub>11</sub> cycloalkylalkyl substituted with 0-1 R<sup>15d</sup> or 0-1 R<sup>21d</sup>, aryl substituted with 0-1 R<sup>15d</sup> or 0-2 R<sup>11d</sup> or 0-1 R<sup>21d</sup>, and aryl (C<sub>1</sub>-C<sub>6</sub> alkyl) substituted with 0-1 R<sup>15d</sup> or 0-2 R<sup>11d</sup> or 0-2 R<sup>11d</sup> or 0-1 R<sup>21d</sup>;
- $\rm R^{11d}$  is selected from H, halogen,  $\rm CF_3$ , CN,  $\rm NO_2$ , hydroxy,  $\rm NR^{2d}R^{3d},\ C_1-C_4\ alkyl\ substituted\ with\ 0-1\ R^{21d},\ C_1-C_4$  alkoxy substituted with 0-1  $\rm R^{21d}$ , aryl substituted with 0-1

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1  $R^{21d}$ , aryl( $C_1$ - $C_6$  alkyl) - substituted with 0-1  $R^{21d}$ , ( $C_1$ - $C_4$  alkoxy)carbonyl substituted with 0-1  $R^{21d}$ , ( $C_1$ - $C_4$  alkyl)carbonyl substituted with 0-1  $R^{21d}$ ,  $C_1$ - $C_4$  alkylsulfonyl substituted with 0-1  $R^{21d}$ , and  $C_1$ - $C_4$  alkylaminosulfonyl substituted with 0-1  $R^{21d}$ ;

Wd is selected from:

-  $(C(R^{12d})_2)_q^{d}C(=0)N(R^{13d})$  - , and -C(=0) - $N(R^{13d})$  -  $(C(R^{12d})_2)_q^{d}$  ;

 $X^d$  is  $-C(R^{12d})(R^{14d})-C(R^{12d})(R^{15d})-$ ; or alternatively,  $W^d$  and  $X^d$  can be taken together to be

$$- (CH_2)_q^{d}C (=0) - N N - R^{18d}$$

 $R^{12d}$  is selected from H, halogen,  $C_1$ - $C_6$  alkyl,  $C_2$ - $C_6$  alkenyl,  $C_2$ - $C_6$  alkynyl,  $C_3$ - $C_7$  cycloalkyl,  $C_4$ - $C_{10}$  cycloalkylalkyl,  $(C_1$ - $C_4$  alkyl)carbonyl, aryl, and aryl $(C_1$ - $C_6$  alkyl)-;

 $R^{13d}$  is selected from H,  $C_1$ - $C_6$  alkyl,  $C_3$ - $C_7$  cycloalkylmethyl, and aryl( $C_1$ - $C_6$  alkyl)-;

R<sup>14d</sup> is selected from:

H,  $C_1$ - $C_6$  alkylthio( $C_1$ - $C_6$  alkyl)-, aryl( $C_1$ - $C_{10}$  alkylthioalkyl)-, aryl( $C_1$ - $C_{10}$  alkoxyalkyl)-,  $C_1$ - $C_{10}$  alkoxyalkyl,  $C_1$ - $C_1$ 0 alkoxyalkyl,  $C_2$ - $C_1$ 0 alkenyl,  $C_2$ - $C_1$ 0 alkynyl,  $C_3$ - $C_1$ 0 cycloalkyl,  $C_3$ - $C_1$ 0 cycloalkyl,  $C_3$ - $C_1$ 0 cycloalkyl, aryl( $C_1$ - $C_6$  alkyl)-, heteroaryl( $C_1$ - $C_6$  alkyl)-, aryl, heteroaryl,  $C_2$ - $C_1$ 0  $C_1$ - $C_2$ 0  $C_1$ 0  $C_3$ 0  $C_1$ 0  $C_1$ 0  $C_1$ 0  $C_3$ 0  $C_1$ 0

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that any of the above alkyl, cycloalkyl, aryl or heteroaryl groups may be unsubstituted or substituted independently with 0-1  $R^{16d}$  or 0-2  $R^{11d}$ ;

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## R<sup>15d</sup> is selected from:

H,  $R^{16d}$ ,  $C_1$ - $C_{10}$  alkyl,  $C_1$ - $C_{10}$  alkoxyalkyl,  $C_1$ - $C_{10}$  alkylaminoalkyl,  $C_1$ - $C_{10}$  dialkylaminoalkyl,  $(C_1$ - $C_{10}$  alkyl)carbonyl, aryl  $(C_1$ - $C_6$  alkyl)carbonyl,  $C_1$ - $C_{10}$  alkenyl,  $C_1$ - $C_{10}$  alkynyl,  $C_3$ - $C_{10}$  cycloalkyl,  $C_3$ - $C_{10}$  cycloalkylalkyl, aryl  $(C_1$ - $C_6$  alkyl)-, heteroaryl  $(C_1$ - $C_6$  alkyl)-, aryl, heteroaryl,  $C_0$ 2 $R^{17d}$ ,  $C(=0)R^{17d}$ ,  $CONR^{17d}R^{20d}$ ,  $SO_2R^{17d}$ , and  $SO_2NR^{17d}R^{20d}$ , provided that any of the above alkyl, cycloalkyl, aryl or heteroaryl groups may be unsubstituted or substituted independently with 0-2  $R^{11d}$ ;

## Yd is selected from:

$$\begin{split} &-\text{COR}^{19\text{d}}, \ -\text{SO}_3\text{H}, \ -\text{PO}_3\text{H}, \ \text{tetrazolyl}, \ -\text{CONHNHSO}_2\text{CF}_3, \ -\\ &-\text{CONHSO}_2\text{R}^{17\text{d}}, \ -\text{CONHSO}_2\text{NHR}^{17\text{d}}, \ -\text{NHCOCF}_3, \ -\text{NHCONHSO}_2\text{R}^{17\text{d}}, \ -\\ &-\text{NHSO}_2\text{R}^{17\text{d}}, \ -\text{OPO}_3\text{H}_2, \ -\text{OSO}_3\text{H}, \ -\text{PO}_3\text{H}_2, \ -\text{SO}_3\text{H}, \ -\text{SO}_2\text{NHCOR}^{17\text{d}}, \ -\\ &-\text{SO}_2\text{NHCO}_2\text{R}^{17\text{d}}, \end{split}$$

R<sup>16d</sup> is selected from:

 $-N(R^{20d})-C(=0)-O-R^{17d}$ ,

 $-N(R^{20d})-C(=0)-R^{17d}$ 

 $-N(R^{20d}) - C(=0) - NH - R^{17d}$ 

 $-N(R^{20d})SO_2-R^{17d}$ , and

 $-N(R^{20d})SO_2-NR^{20d}R^{17d}$ ;

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R<sup>17d</sup> is selected from:

R<sup>18d</sup> is selected from:

 $C_1$ - $C_{10}$  alkyl optionally substituted with a bond to  $L_n$ ,  $C_3$ - $C_{11}$  cycloalkyl optionally substituted with a bond to  $L_n$ , aryl  $(C_1$ - $C_6$  alkyl) - optionally substituted with a bond to  $L_n$ ,  $(C_1$ - $C_6$  alkyl) aryl optionally substituted with a bond to  $L_n$ , heteroaryl  $(C_1$ - $C_6$  alkyl) - optionally substituted with a bond to  $L_n$ ,  $(C_1$ - $C_6$  alkyl) heteroaryl optionally substituted with a bond to  $L_n$ , biaryl  $(C_1$ - $C_6$  alkyl) - optionally substituted with a bond to  $L_n$ , heteroaryl optionally substituted with a bond to  $L_n$ , aryl optionally substituted with a bond to  $L_n$ , aryl optionally substituted with a bond to  $L_n$ , and a bond to  $L_n$ , wherein said aryl, biaryl or heteroaryl groups are also optionally substituted with 0-3 substituents selected from the group consisting of:  $C_1$ - $C_4$  alkyl,  $C_1$ - $C_4$  alkoxy, aryl, heteroaryl, halo, cyano, amino,  $CF_3$ , and  $NO_2$ ;

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-H,  -C (=0) - O - R^{17d}, \\ -C (=0) - R^{17d}, \\ -C (=0) - NH - R^{17d}, \\ -C (=0) - NH - R^{17d}, \\ -SO_2 - R^{17d}, \text{ and} \\ -SO_2 - NR^{20d}R^{17d};   R^{19d} \text{ is selected from: hydroxy, } C_1 - C_{10} \text{ alkyloxy,} \\ C_3 - C_{11} \text{ cycloalkyloxy, aryloxy, aryl} (C_1 - C_6 \text{ alkoxy}) -, C_3 - C_{10} \\ \text{ alkylcarbonyloxyalkyloxy, } C_3 - C_{10}
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C5-C10 cycloalkylcarbonyloxyalkyloxy,

alkoxycarbonyloxyalkyloxy,  $C_2-C_{10}$  alkoxycarbonylalkyloxy,

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C<sub>5</sub>-C<sub>10</sub> cycloalkoxycarbonyloxyalkyloxy,
C<sub>5</sub>-C<sub>10</sub> cycloalkoxycarbonylalkyloxy,
C<sub>7</sub>-C<sub>11</sub> aryloxycarbonylalkyloxy,
C<sub>8</sub>-C<sub>12</sub> aryloxycarbonyloxyalkyloxy,
C<sub>8</sub>-C<sub>12</sub> arylcarbonyloxyalkyloxy,
C<sub>5</sub>-C<sub>10</sub> alkoxyalkylcarbonyloxyalkyloxy, C<sub>5</sub>-C<sub>10</sub> (5-alkyl-1,3-dioxa-cyclopenten-2-one-yl)methyloxy, C<sub>10</sub>-C<sub>14</sub> (5-aryl-1,3-dioxa-cyclopenten-2-one-yl)methyloxy, and
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 $R^{20d}$  is selected from: H,  $C_1$ - $C_6$  alkyl,  $C_3$ - $C_7$  cycloalkyl,  $C_4$ - $C_{11}$  cycloalkylalkyl, aryl, aryl( $C_1$ - $C_6$  alkyl)-, and heteroaryl( $C_1$ - $C_6$  alkyl)-;

R<sup>21d</sup> is selected from: COOH and NR<sup>6d</sup>2;

 $(R^{11d})(R^{12d})N-(C_1-C_{10} \text{ alkoxy})-;$ 

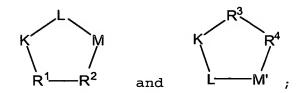
with the following provisos:

- (1) t , n , m and q are chosen such that the number of atoms connecting  $R^{1d}$  and Y is in the range of 10-14; and
- (2) n and m are chosen such that the value of n plus m is greater than one unless U is  $\frac{d}{d} \frac{d}{d} (CH_2)_t Q (CH_2)_m -;$

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or Q is a peptide selected from the group:



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 $R^1$  is L-valine, D-valine or L-lysine optionally substituted on the  $\epsilon$  amino group with a bond to  $L_n$ ;

 ${\sf R}^2$  is L-phenylalanine, D-phenylalanine, D-1-naphthylalanine, 2-aminothiazole-4-acetic acid or tyrosine, the tyrosine optionally substituted on the hydroxy group with a bond to  ${\sf L}_n$ ;

R<sup>3</sup> is D-valine;

 $R^4$  is D-tyrosine substituted on the hydroxy group with a bond to  $L_{\rm n};$ 

provided that one of  $R^1$  and  $R^2$  in each Q is substituted with a bond to  $L_n$ , and further provided that when  $R^2$  is 2-aminothiazole-4-acetic acid, K is N-methylarginine;

provided that at least one Q is a compound of Formula (Ia) or (Ib);

d is selected from 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10;

d' is 1-100;

 $L_n$  is a linking group having the formula:  $((W)_h - (CR^6R^7)_g)_x - (Z)_k - ((CR^{6a}R^{7a})_g, -(W)_h,)_x, ;$ 

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W is independently selected at each occurrence from the group: O, S, NH, NHC(=0), C(=0)NH, NR<sup>8</sup>C(=0), C(=0)N R<sup>8</sup>, C(=0), C(=0)O, OC(=0), NHC(=S)NH, NHC(=O)NH, SO<sub>2</sub>, SO<sub>2</sub>NH, (OCH<sub>2</sub>CH<sub>2</sub>O)<sub>S</sub>, (CH<sub>2</sub>CH<sub>2</sub>O)<sub>S</sub>, (OCH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>O)<sub>S</sub>, (CH<sub>2</sub>CH<sub>2</sub>O)<sub>t</sub>, and (aa)<sub>t</sub>;

aa is independently at each occurrence an amino acid;

- Z is selected from the group: aryl substituted with 0-3  $R^{10}$ ,  $C_{3-10}$  cycloalkyl substituted with 0-3  $R^{10}$ , and a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O and substituted with 0-3  $R^{10}$ ;
- $R^6$ ,  $R^{6a}$ ,  $R^7$ ,  $R^{7a}$ , and  $R^8$  are independently selected at each occurrence from the group: H, =O, COOH,  $SO_3H$ ,  $PO_3H$ ,  $C_1$ - $C_5$  alkyl substituted with 0-3  $R^{10}$ , aryl substituted with 0-3  $R^{10}$ , benzyl substituted with 0-3  $R^{10}$ , and  $C_1$ - $C_5$  alkoxy substituted with 0-3  $R^{10}$ , NHC(=O) $R^{11}$ , C(=O) $R^{11}$ ,  $R^{11}$ , and a bond to  $R^{10}$ ,  $R^{11}$ ,  $R^{11}$ , and a bond to  $R^{10}$ ,
- $R^{10}$  is independently selected at each occurrence from the group: a bond to  $C_h$ ,  $COOR^{11}$ ,  $C(=O)NHR^{11}$ ,  $NHC(=O)R^{11}$ , OH,  $NHR^{11}$ ,  $SO_3H$ ,  $PO_3H$ ,  $-OPO_3H_2$ ,  $-OSO_3H$ , aryl substituted with 0-3  $R^{11}$ ,  $C_{1-5}$  alkyl substituted with 0-1  $R^{12}$ ,  $C_{1-5}$  alkoxy substituted with 0-1  $R^{12}$ , and a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O and substituted with 0-3  $R^{11}$ ;
- $R^{11}$  is independently selected at each occurrence from the group: H, alkyl substituted with 0-1  $R^{12}$ , aryl substituted with 0-1  $R^{12}$ , a 5-10 membered heterocyclic

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ring system containing 1-4 heteroatoms independently selected from N, S, and O and substituted with 0-1  $R^{12}$ ,  $C_{3-10}$  cycloalkyl substituted with 0-1  $R^{12}$ , polyalkylene glycol substituted with 0-1  $R^{12}$ , carbohydrate substituted with 0-1  $R^{12}$ , cyclodextrin substituted with 0-1  $R^{12}$ , amino acid substituted with 0-1  $R^{12}$ , polycarboxyalkyl substituted with 0-1  $R^{12}$ , polyazaalkyl substituted with 0-1  $R^{12}$ , and peptide substituted with 0-1  $R^{12}$ , wherein the peptide is comprised of 2-10 amino acids, 3,6-0-disulfo-B-D-galactopyranosyl, bis(phosphonomethyl)glycine, and a bond to  $C_h$ ;

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 $R^{12}$  is a bond to  $C_h$ ;

```
k is selected from 0, 1, and 2;
h is selected from 0, 1, and 2;
h' is selected from 0, 1, and 2;
g is selected from 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10;
g' is selected from 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10;
s is selected from 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10;
s' is selected from 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10;
s' is selected from 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10;
t is selected from 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10;
t' is selected from 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10;
x is selected from 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10;
x is selected from 0, 1, 2, 3, 4, and 5;
x' is selected from 0, 1, 2, 3, 4, and 5;
```

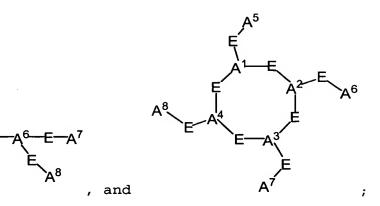
Ch is a metal bonding unit having a formula selected from the group:

$$A^{1}$$
  $E$   $A^{2}$   $A^{3}$   $E$   $A^{4}$ 

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- $A^1$ ,  $A^2$ ,  $A^3$ ,  $A^4$ ,  $A^5$ ,  $A^6$ ,  $A^7$ , and  $A^8$  are independently selected at each occurrence from the group:  $NR^{13}$ ,  $NR^{13}R^{14}$ , S, SH, S(Pg), O, OH,  $PR^{13}$ ,  $PR^{13}R^{14}$ , P(O) $R^{15}R^{16}$ , and a bond to  $L_n$ ;
- E is a bond, CH, or a spacer group independently selected at each occurrence from the group: C<sub>1</sub>-C<sub>10</sub> alkyl substituted with 0-3 R<sup>17</sup>, aryl substituted with 0-3 R<sup>17</sup>, C<sub>3-10</sub> cycloalkyl substituted with 0-3 R<sup>17</sup>, heterocyclo-C<sub>1-10</sub> alkyl substituted with 0-3 R<sup>17</sup>, wherein the heterocyclo group is a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O, C<sub>6-10</sub> aryl-C<sub>1-10</sub> alkyl substituted with 0-3 R<sup>17</sup>, C<sub>1-10</sub> alkyl-C<sub>6-10</sub> aryl- substituted with 0-3 R<sup>17</sup>, and a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O and substituted with 0-3 R<sup>17</sup>;
- $R^{13}$  and  $R^{14}$  are each independently selected from the group: a bond to  $L_n$ , hydrogen,  $C_1$ - $C_{10}$  alkyl substituted with 0-3  $R^{17}$ , aryl substituted with 0-3  $R^{17}$ ,  $C_{1-10}$  cycloalkyl substituted with 0-3  $R^{17}$ , heterocyclo- $C_{1-10}$  alkyl substituted with 0-3  $R^{17}$ , wherein the heterocyclo group

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is a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O,  $C_{6-10}$  aryl- $C_{1-10}$  alkyl substituted with 0-3  $R^{17}$ ,  $C_{1-10}$  alkyl- $C_{6-10}$  aryl- substituted with 0-3  $R^{17}$ , a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O and substituted with 0-3  $R^{17}$ , and an electron, provided that when one of  $R^{13}$  or  $R^{14}$  is an electron, then the other is also an electron;

alternatively,  $R^{13}$  and  $R^{14}$  combine to form  $=C(R^{20})(R^{21})$ ;

R15 and R16 are each independently selected from the group: a bond to  $L_n$ , -OH,  $C_1$ - $C_{10}$  alkyl substituted with 0-3  $R^{17}$ ,  $C_1$ - $C_{10}$  alkyl substituted with 0-3  $R^{17}$ , aryl substituted with 0-3  $R^{17}$ ,  $C_3$ -10 cycloalkyl substituted with 0-3  $R^{17}$ , wherein the heterocyclo- $C_{1-10}$  alkyl substituted with 0-3  $R^{17}$ , wherein the heterocyclo group is a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O,  $C_{6-10}$  aryl- $C_{1-10}$  alkyl substituted with 0-3  $R^{17}$ ,  $C_{1-10}$  alkyl- $C_{6-10}$  aryl-substituted with 0-3  $R^{17}$ , and a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O and substituted with 0-3  $R^{17}$ ;

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 $-NR^{19}SO_2N\left(R^{18}\right)_2, -NR^{19}SO_2R^{18a}, -SO_3H, -SO_2R^{18a}, -SR^{18}, \\ -S\left(=O\right)R^{18a}, -SO_2N\left(R^{18}\right)_2, -N\left(R^{18}\right)_2, -NHC\left(=S\right)NHR^{18}, =NOR^{18}, \\ NO_2, -C\left(=O\right)NHOR^{18}, -C\left(=O\right)NHNR^{18}R^{18a}, -OCH_2CO_2H, \\ 2-\left(1-\text{morpholino}\right)\text{ethoxy}, C_1-C_5 \text{ alkyl}, C_2-C_4 \text{ alkenyl}, C_3-C_6 \\ \text{cycloalkyl}, C_3-C_6 \text{ cycloalkylmethyl}, C_2-C_6 \text{ alkoxyalkyl}, \\ \text{aryl substituted with 0-2 }R^{18}, \text{ and a 5-10 membered} \\ \text{heterocyclic ring system containing 1-4 heteroatoms} \\ \text{independently selected from N, S, and O;}$ 

 $R^{18}$ ,  $R^{18a}$ , and  $R^{19}$  are independently selected at each occurrence from the group: a bond to  $L_n$ , H,  $C_1$ - $C_6$  alkyl, phenyl, benzyl,  $C_1$ - $C_6$  alkoxy, halide, nitro, cyano, and trifluoromethyl;

Pg is a thiol protecting group;

 $R^{20}$  and  $R^{21}$  are independently selected from the group: H,  $C_1$ - $C_{10}$  alkyl, -CN, - $C_{02}R^{25}$ , - $C_{00}R^{25}$ , - $C_{00}R^{2$ 

alternatively,  $R^{20}$  and  $R^{21}$ , taken together with the divalent carbon radical to which they are attached form:

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 $R^{22}$  and  $R^{23}$  are independently selected from the group: H,  $R^{24}$ ,  $C_1$ - $C_{10}$  alkyl substituted with 0-3  $R^{24}$ ,  $C_2$ - $C_{10}$  alkenyl substituted with 0-3  $R^{24}$ ,  $C_2$ - $C_{10}$  alkynyl substituted with 0-3  $R^{24}$ , a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O and substituted with 0-3  $R^{24}$ , and  $C_{3-10}$  carbocycle substituted with 0-3  $R^{24}$ :

alternatively, R<sup>22</sup>, R<sup>23</sup> taken together form a fused aromatic or a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O;

 ${\bf a}$  and  ${\bf b}$  indicate the positions of optional double bonds and  ${\bf n}$  is 0 or 1;

 $R^{24}$  is independently selected at each occurrence from the group: =0, F, Cl, Br, I, -CF<sub>3</sub>, -CN, -CO<sub>2</sub>R<sup>25</sup>, -C(=0)R<sup>25</sup>,

 $-C(=0)N(R^{25})_2$ ,  $-N(R^{25})_3^+$ ,  $-CH_2OR^{25}$ ,  $-OC(=0)R^{25}$ ,

 $-OC(=O)OR^{25a}$ ,  $-OR^{25}$ ,  $-OC(=O)N(R^{25})_2$ ,  $-NR^{26}C(=O)R^{25}$ ,

 $-NR^{26}C(=0)OR^{25a}$ ,  $-NR^{26}C(=0)N(R^{25})_2$ ,  $-NR^{26}SO_2N(R^{25})_2$ ,

 $-NR^{26}SO_2R^{25a}$ ,  $-SO_3H$ ,  $-SO_2R^{25a}$ ,  $-SR^{25}$ , -S (=0)  $R^{25a}$ ,

 $-\text{SO}_2\text{N}\left(\text{R}^{25}\right)_2, \ -\text{N}\left(\text{R}^{25}\right)_2, \ =\text{NOR}^{25}, \ -\text{C}\left(=\text{O}\right)\text{NHOR}^{25}, \ -\text{OCH}_2\text{CO}_2\text{H}\,, \ \text{and}$ 

2-(1-morpholino)ethoxy; and,

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- $R^{25}$ ,  $R^{25a}$ , and  $R^{26}$  are each independently selected at each occurrence from the group: hydrogen and  $C_1$ - $C_6$  alkyl.
- 3. (Original) A compound according to Claim 2, wherein:

R<sup>1de</sup> is selected from:

$$- U_{q}(NL_{eq}) - V_{q}$$

$$- U_{q}(NL_{eq}) - V_{q}$$

$$- U_{q}(NL_{eq}) - V_{q}$$

$$- U_{q}(NL_{eq}) - V_{q}$$

$$--U^{d}(NR^{6d})$$

$$\downarrow_{D^{d}}$$

$$\downarrow_{E^{d}}$$

$$\downarrow_{D^{d}}$$

 $\overset{d}{\text{A}}$  and  $\overset{d}{\text{B}}$  are independently -CH2-, -O-, -N(R^2d)-, or -C(=O)-;

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 $A^{1d}$  and  $B^{1d}$  are independently  $-CH_2$ - or  $-N(R^{3d})$ -;

D is 
$$-N(R^{2d})$$
-,  $-O$ -,  $-S$ -,  $-C(=O)$ - or  $-SO_2$ -;

- $^{d}_{E}$  -F is  $-C(R^{4d}) = C(R^{5d}) -$ ,  $-N = C(R^{4d}) -$ ,  $-C(R^{4d}) = N -$ , or  $-C(R^{4d}) = C(R^{5d}) =$
- d d d J, K, L and M are independently selected from:  $C(R^{4d})$ -,  $C(R^{5d})$  and -N-, provided that at least one of J, K, L and M is not -N-;
- R<sup>2d</sup> is selected from: H, C<sub>1</sub>-C<sub>6</sub> alkyl, (C<sub>1</sub>-C<sub>6</sub> alkyl)carbonyl, (C<sub>1</sub>-C<sub>6</sub> alkoxy)carbonyl, C<sub>1</sub>-C<sub>6</sub> alkylaminocarbonyl, C<sub>3</sub>-C<sub>6</sub> alkenyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>11</sub> cycloalkylalkyl, aryl, heteroaryl(C<sub>1</sub>-C<sub>6</sub> alkyl)carbonyl, heteroarylcarbonyl, aryl(C<sub>1</sub>-C<sub>6</sub> alkyl)-, (C<sub>1</sub>-C<sub>6</sub> alkyl)carbonyl, arylcarbonyl, alkylsulfonyl, arylsulfonyl, aryl(C<sub>1</sub>-C<sub>6</sub> alkyl)sulfonyl, heteroarylsulfonyl, heteroaryl(C<sub>1</sub>-C<sub>6</sub> alkyl)sulfonyl, aryloxycarbonyl, and aryl(C<sub>1</sub>-C<sub>6</sub> alkoxy)carbonyl, wherein said aryl groups are substituted with 0-2 substituents selected from the group consisting of C<sub>1</sub>-C<sub>4</sub> alkyl, C<sub>1</sub>-C<sub>4</sub> alkoxy, halo, CF<sub>3</sub>, and nitro;
- $R^{3d}$  is selected from: H,  $C_1$ - $C_6$  alkyl,  $C_3$ - $C_7$  cycloalkyl,  $C_4$ - $C_{11}$  cycloalkylalkyl, aryl, aryl( $C_1$ - $C_6$  alkyl)-, and heteroaryl( $C_1$ - $C_6$  alkyl)-;
- $R^{4d}$  and  $R^{5d}$  are independently selected from: H,  $C_1$ - $C_4$  alkoxy,  $NR^{2d}R^{3d}, \text{ halogen, NO}_2, \text{ CN, CF}_3, C_1$ - $C_6$  alkyl,  $C_3$ - $C_6$  alkenyl,

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 $C_3$ - $C_7$  cycloalkyl,  $C_4$ - $C_{11}$  cycloalkylalkyl, aryl, aryl( $C_1$ - $C_6$  alkyl)-,  $C_2$ - $C_7$  alkylcarbonyl, and arylcarbonyl;

alternatively, when substituents on adjacent atoms,  $R^{4d}$  and  $R^{5d}$  can be taken together with the carbon atoms to which they are attached to form a 5-7 membered carbocyclic or 5-7 membered heterocyclic aromatic or non-aromatic ring system, said carbocyclic or heterocyclic ring being optionally substituted with 0-2 groups selected from:  $C_1$ - $C_4$  alkyl,  $C_1$ - $C_4$  alkoxy, halo, cyano, amino,  $CF_3$ , or  $NO_2$ ;

d U is selected from:

$$-(CH2)n -,$$

$$^{d}$$
 - (CH<sub>2</sub>)<sub>n</sub> (CR<sup>7d</sup>=CR<sup>8d</sup>) (CH<sub>2</sub>)<sub>m</sub> -,

$$-(CH2)t Q (CH2)m -,$$

$$d d d$$
-  $(CH_2)_n O(CH_2)_m$  -,

$$\begin{array}{c} d \\ - (CH_2)_n N(R^{6d}) (CH_2)_m - , \end{array}$$

$$d - (CH2)n C(=O) (CH2)m -, and$$

$$-(CH_2)_n^d S(O)_p^d (CH_2)_m^d -;$$

wherein one or more of the methylene groups in U is optionally substituted with  $R^{7d}$ ;

d Q is selected from 1,2-phenylene, 1,3-phenylene, 2,3-pyridinylene, 3,4-pyridinylene, and 2,4-pyridinylene;

 $R^{6d}$  is selected from: H,  $C_1-C_4$  alkyl, and benzyl;

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 $R^{7d}$  and  $R^{8d}$  are independently selected from: H,  $C_1$ - $C_6$  alkyl,  $C_3$ - $C_7$  cycloalkyl,  $C_4$ - $C_{11}$  cycloalkylalkyl, aryl, aryl( $C_1$ - $C_6$  alkyl)-, and heteroaryl( $C_0$ - $C_6$  alkyl)-;

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 $_{W}^{d}$  is  $-C(=0)-N(R^{13d})-(C(R^{12d})_{2})_{q}^{d}$ ;

X is  $-C(R^{12d})(R^{14d})-C(R^{12d})(R^{15d})-;$ 

alternatively, W and X can be taken together to be

$$- (CH_2) q^{d}C (=0) -N N-R^{18d}$$

 $R^{12d}$  is H or  $C_1$ - $C_6$  alkyl;

d Y is selected from: -COR<sup>19d</sup>, -SO<sub>3</sub>H,

d is selected from 1, 2, 3, 4, and 5;

d' is 1-50;

W is independently selected at each occurrence from the group: O, NH, NHC(=O), C(=O)NH, NR $^8$ C(=O), C(=O)N R $^8$ , C(=O), Page 23 of 42

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C(=0)O, OC(=0), NHC(=S)NH, NHC(=0)NH,  $SO_2$ ,  $(OCH_2CH_2)_S$ ,  $(CH_2CH_2O)_S$ ,  $(OCH_2CH_2CH_2)_S$ ,  $(CH_2CH_2CH_2O)_t$ , and  $(aa)_t$ ;

- aa is independently at each occurrence an amino acid;
- Z is selected from the group: aryl substituted with 0-1  $R^{10}$ ,  $C_{3-10}$  cycloalkyl substituted with 0-1  $R^{10}$ , and a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O and substituted with 0-1  $R^{10}$ ;
- $R^6$ ,  $R^{6a}$ ,  $R^7$ ,  $R^{7a}$ , and  $R^8$  are independently selected at each occurrence from the group: H, =O, COOH,  $SO_3H$ ,  $C_1$ - $C_5$  alkyl substituted with 0-1  $R^{10}$ , aryl substituted with 0-1  $R^{10}$ , benzyl substituted with 0-1  $R^{10}$ , and  $C_1$ - $C_5$  alkoxy substituted with 0-1  $R^{10}$ , NHC(=O) $R^{11}$ , C(=O) $R^{11}$ ,  $R^{11}$ , and a bond to  $R^{10}$ ,  $R^{11}$ ,  $R^{11}$ , and a bond to  $R^{10}$ ,

k is 0 or 1;
s is selected from 0, 1, 2, 3, 4, and 5;
s' is selected from 0, 1, 2, 3, 4, and 5;
s'' is selected from 0, 1, 2, 3, 4, and 5;
t is selected from 0, 1, 2, 3, 4, and 5;

- $A^1$ ,  $A^2$ ,  $A^3$ ,  $A^4$ ,  $A^5$ ,  $A^6$ ,  $A^7$ , and  $A^8$  are independently selected at each occurrence from the group:  $NR^{13}$ ,  $NR^{13}R^{14}$ , S, SH, S(Pg), OH, and a bond to  $L_n$ ;
- E is a bond, CH, or a spacer group independently selected at each occurrence from the group:  $C_1$ - $C_{10}$  alkyl substituted with 0-3  $R^{17}$ , aryl substituted with 0-3  $R^{17}$ ,  $C_{3-10}$  cycloalkyl substituted with 0-3  $R^{17}$ , and a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms

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independently selected from N, S, and O and substituted with  $0-3\ R^{17}$ ;

 $R^{13}$  and  $R^{14}$  are each independently selected from the group: a bond to  $L_n$ , hydrogen,  $C_1$ - $C_{10}$  alkyl substituted with 0-3  $R^{17}$ , aryl substituted with 0-3  $R^{17}$ , a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O and substituted with 0-3  $R^{17}$ , and an electron, provided that when one of  $R^{13}$  or  $R^{14}$  is an electron, then the other is also an electron;

alternatively,  $R^{13}$  and  $R^{14}$  combine to form  $=C(R^{20})(R^{21})$ ;

- R<sup>17</sup> is independently selected at each occurrence from the group: a bond to  $L_n$ , =0, F, Cl, Br, I, -CF<sub>3</sub>, -CN, -CO<sub>2</sub>R<sup>18</sup>, -C(=0)R<sup>18</sup>, -C(=0)N(R<sup>18</sup>)<sub>2</sub>, -CH<sub>2</sub>OR<sup>18</sup>, -OC(=0)R<sup>18</sup>, -OC(=0)OR<sup>18</sup>a, -OR<sup>18</sup>, -OC(=0)N(R<sup>18</sup>)<sub>2</sub>, -NR<sup>19</sup>C(=0)R<sup>18</sup>, -NR<sup>19</sup>C(=0)OR<sup>18</sup>a, -NR<sup>19</sup>C(=0)N(R<sup>18</sup>)<sub>2</sub>, -NR<sup>19</sup>SO<sub>2</sub>N(R<sup>18</sup>)<sub>2</sub>, -NR<sup>19</sup>SO<sub>2</sub>R<sup>18</sup>a, -SO<sub>3</sub>H, -SO<sub>2</sub>R<sup>18</sup>a, -S(=0)R<sup>18</sup>a, -SO<sub>2</sub>N(R<sup>18</sup>)<sub>2</sub>, -N(R<sup>18</sup>)<sub>2</sub>, -NHC(=S)NHR<sup>18</sup>, =NOR<sup>18</sup>, -C(=O)NHNR<sup>18</sup>R<sup>18</sup>a, -OCH<sub>2</sub>CO<sub>2</sub>H, and 2-(1-morpholino)ethoxy;
- ${\rm R}^{18},~{\rm R}^{18a},~{\rm and}~{\rm R}^{19}$  are independently selected at each occurrence from the group: a bond to  ${\rm L}_n,~{\rm H,~and}~{\rm C}_1\text{--}{\rm C}_6$  alkyl;
- $R^{20}$  and  $R^{21}$  are independently selected from the group: H,  $C_1$ - $C_5$  alkyl,  $-C_0$ 2 $R^{25}$ ,  $C_2$ - $C_5$  1-alkene substituted with 0-3  $R^{23}$ ,  $C_2$ - $C_5$  1-alkyne substituted with 0-3  $R^{23}$ , aryl substituted with 0-3  $R^{23}$ , and unsaturated 5-10 membered heterocyclic ring system containing 1-4 heteroatoms Page 25 of 42

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independently selected from N, S, and O and substituted with 0-3  $R^{23}$ ;

alternatively,  $R^{20}$  and  $R^{21}$ , taken together with the divalent carbon radical to which they are attached form:

 ${\bf R}^{22}$  and  ${\bf R}^{23}$  are independently selected from the group: H, and  ${\bf R}^{24}$ ;

alternatively, R<sup>22</sup>, R<sup>23</sup> taken together form a fused aromatic or a 5-10 membered heterocyclic ring system containing 1-4 heteroatoms independently selected from N, S, and O;

 $R^{24}$  is independently selected at each occurrence from the group:  $-CO_2R^{25}$ ,  $-C(=O)N(R^{25})_2$ ,  $-CH_2OR^{25}$ ,  $-OC(=O)R^{25}$ ,  $-OR^{25}$ ,  $-SO_3H$ ,  $-N(R^{25})_2$ , and  $-OCH_2CO_2H$ ; and,

 $R^{25}$  is independently selected at each occurrence from the group: H and  $C_1$ - $C_3$  alkyl.

4. (Original) A compound according to Claim 3, wherein:

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Rlde is selected from:

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- wherein the above heterocycles are optionally substituted with 0-2 substituents selected from the group:  $NH_2$ , halogen,  $NO_2$ , CN,  $CF_3$ ,  $C_1$ - $C_4$  alkoxy,  $C_1$ - $C_6$  alkyl, and  $C_3$ - $C_7$  cycloalkyl;
- d d d d  $CH_2$  or  $-(CH_2)_n$ ,  $-(CH_2)_t$  Q  $(CH_2)_m$  or -C(=0)  $(CH_2)_n$  -1, wherein one of the methylene groups is optionally substituted with  $R^{7d}$ ;
- 7d R is selected from:  $C_1$ - $C_6$  alkyl,  $C_3$ - $C_7$  cycloalkyl,  $C_4$ - $C_{11}$  cycloalkylalkyl, aryl, aryl( $C_1$ - $C_6$  alkyl), heteroaryl, and heteroaryl( $C_1$ - $C_6$  alkyl);
- $R^{10d}$  is selected from: H,  $R^{1de}$ ,  $C_1$ - $C_4$  alkoxy substituted with 0-1  $R^{21d}$ , halogen,  $CO_2R^{17d}$ ,  $CONR^{17d}R^{20d}$ ,  $C_1$ - $C_6$  alkyl substituted with 0-1  $R^{15d}$  or 0-1  $R^{21d}$ ,  $C_3$ - $C_7$  cycloalkyl substituted with 0-1  $R^{15d}$  or 0-1  $R^{21d}$ ,  $C_4$ - $C_{11}$  cycloalkylalkyl substituted with 0-1  $R^{15d}$  or 0-1  $R^{21d}$ , and aryl( $C_1$ - $C_6$  alkyl)- substituted with 0-1  $R^{15d}$  or 0-2  $R^{11d}$  or 0-1  $R^{21d}$ ;
- $R^{10de}$  is selected from: H,  $C_1$ - $C_4$  alkoxy substituted with 0-1  $R^{21d}$ , halogen,  $CO_2R^{17d}$ ,  $CONR^{17d}R^{20d}$ ,  $C_1$ - $C_6$  alkyl substituted with 0-1  $R^{15d}$  or 0-1  $R^{21d}$ ,  $C_3$ - $C_7$  cycloalkyl substituted with 0-1  $R^{15d}$  or 0-1  $R^{21d}$ ,  $C_4$ - $C_{11}$  cycloalkylalkyl substituted with 0-1  $R^{15d}$  or 0-1  $R^{21d}$ , and aryl( $C_1$ - $C_6$  alkyl)- substituted with 0-1  $R^{15d}$  or 0-2  $R^{11d}$  or 0-1  $R^{21d}$ ;

W is  $-C(=0)-N(R^{13d})-;$ 

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dimethylaminoethoxy-,
diethylaminoethoxy-,

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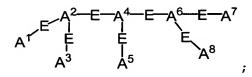
## Preliminary Amendment - First Action Not Yet Received

(5-methyl-1,3-dioxacyclopenten-2-on-4-yl)methoxy-, (5-(t-butyl)-1,3-dioxacyclopenten-2-on-4-yl)methoxy-, (1,3-dioxa-5-phenyl-cyclopenten-2-on-4-yl)methoxy-, and 1-(2-(2-methoxypropyl)carbonyloxy)ethoxy-;

R<sup>20d</sup> is H or CH<sub>3</sub>;

d
m is 0 or 1;
d
t is 0 or 1;

Ch is



 $A^1$  is selected from the group: OH, and a bond to  $L_n$ ;

 $A^2$ ,  $A^4$ , and  $A^6$  are each N;

 $A^3$ ,  $A^5$ , and  $A^8$  are each OH;

 $A^7$  is a bond to  $L_n$  or NH-bond to  $L_n$ ;

E is a  $C_2$  alkyl substituted with 0-1  $R^{17}$ ;

 $R^{17}$  is =0;

alternatively, Ch is

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 $\mathtt{A}^{\mathtt{l}}$  is selected from the group: OH and a bond to  $\mathtt{L}_{\mathtt{n}};$ 

 $A^2$ ,  $A^3$  and  $A^4$  are each N;

 $A^5$ ,  $A^6$  and  $A^8$  are each OH;

 $A^7$  is a bond to  $L_n$ ;

E is a  $C_2$  alkyl substituted with 0-1  $R^{17}$ ;

 $R^{17}$  is =0;

alternatively,  $C_h$  is  $A^1$ 

 $A^1$  is  $NH_2$  or  $N=C(R^{20})(R^{21})$ ;

E is a bond;

 $A^2$  is NHR<sup>13</sup>;

 $R^{13}$  is a heterocycle substituted with  $R^{17}$ , the heterocycle being selected from pyridine and pyrimidine;

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 ${\tt R}^{17}$  is selected from a bond to  ${\tt L}_n$ ,  ${\tt C(=O)\,NHR}^{18}$  and  ${\tt C(=O)\,R}^{18}$ ;

 $R^{18}$  is a bond to  $L_n$ ;

- $\rm R^{24}$  is selected from the group:  $-\rm CO_2R^{25}, -\rm OR^{25}, -\rm SO_3H,$  and  $-\rm N(R^{25})_2;$  and,
- ${\bf R}^{25}$  is independently selected at each occurrence from the group: hydrogen and methyl.
- 5. (Original) A compound according to Claim 4, wherein:

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R<sup>1de</sup> is selected from:

wherein the above heterocycles are optionally substituted with 0-2 substituents selected from the group:  $NH_2$ , halogen,

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 $NO_2$ , CN,  $CF_3$ ,  $C_1$ - $C_4$  alkoxy,  $C_1$ - $C_6$  alkyl, and  $C_3$ - $C_7$  cycloalkyl.

- 6. (Original) A compound according to Claim 2, wherein the compound is selected from the group:

- 3-((1-(3-(imidazole-2-ylamino)propyl)(1H-indazol-5 yl))carbonylamino)-2-(((4-(4-(((3-(2-(2-(3-(2-(1,4,7,10 tetraaza-4,7,10-tris(carboxymethyl)cyclododecyl) acetylamino)propoxy)ethoxy)ethoxy)propyl)amino)sulfonyl) phenyl)phenyl)sulfonyl)amino)propanoic acid;
- 2-(6-((6-((1-aza-2-(2-sulfophenyl)vinyl)-amino)(3-pyridyl))carbonylamino)hexanoylamino)-3-((1-(3-(imidazol-

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2-ylamino)propyl) (1H-indazol-5-yl))carbonylamino)-
propanoic acid;
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- [2-[[[5-[carbony1]-2-pyridiny1]hydrazono]methy1] benzenesulfonic acid]-Glu(2-(6-aminohexanoylamino)-3-((1 (3-(imidazol-2-ylamino)propyl)(1H-indazol-5-yl))carbonyl amino)propanoic acid)(2-(6-aminohexanoylamino)-3-((1-(3 (imidazol-2-ylamino)propyl)(1H-indazol-5-yl))carbonyl amino)propanoic acid);
- [2-[[[5-[carbony1]-2-pyridiny1]hydrazono]methy1] benzenesulfonic acid]-Glu-bis-[Glu(2-(6 Aminohexanoylamino)-3-((1-(3-(imidazol-2 ylamino)propyl)(1H-indazol-5-yl))carbonyl-amino)propanoic
   acid)(2-(6-aminohexanoylamino)-3-((1-(3-(imidazol-2 ylamino)propyl)(1H-indazol-5-yl))carbonyl-amino)propanoic
   acid)];

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2-(((4-(3-(N-(3-(2-(2-(3-(2-(1,4,7,10-tetraaza-4,7,10-tris(carboxymethyl)cyclododecylacetylamino)-6-aminohexanoylamino)propoxy)ethoxy)ethoxy)propyl)-Page 37 of 42

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carbamoyl)propoxy) -2,6-dimethylphenyl)sulfonyl)amino) -3((1-(3-(imidazol-2-ylamino)propyl)(1H-indazol-5-yl))carbonylamino)propionic acid salt;

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- (4S)-4-(N-{1-[N-(2-{4-[4-({[(1S)-1-carboxy-2-({1-[3-(2-pyridylamino)propyl] (1H-indazol-5-yl)}carbonylamino)ethyl]amino}sulfonyl)-3,5dimethylphenoxy]butanoylamino}ethyl)carbamoyl]-3carboxypropyl}carbamoyl)-4-{2-[1,4,7,10-tetraaza-4,7,10-tris(carboxymethyl)cyclododecyl]acetylamino}butanoic acid;
- (4S) -4-(N-{1-[N-(2-{4-[4-({[(1S)-1-carboxy-2-({1-[3-(imidazol-2-ylamino)propyl] (1H-indazol-5-yl)}carbonylamino)ethyl]amino}sulfonyl)-3,5dimethylphenoxy]butanoylamino}ethyl)carbamoyl]-3carboxypropyl}carbamoyl)-4-{2-[1,4,7,10-tetraaza-4,7,10-tris(carboxymethyl)cyclododecyl]acetylamino}butanoic acid;

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- (4S) -4-{N-[(1S)-1-(N-{1,3-bis[N-(2-{4-[4-({[(1S)-1-carboxy-2-({1-[3-(imidazol-2-ylamino)propyl](1H-indazol-5-yl)}carbonylamino)ethyl]amino}sulfonyl)-3,5-dimethylphenoxy]butanoylamino}ethyl)carbamoyl]propyl}carbamoyl)-3-carboxypropyl]carbamoyl}-4-(6-{2-[1,4,7,10-tetraaza-4,7,10-tris(carboxymethyl)cyclododecyl]acetylamino}hexanoylamino)butanoic acid;
- (4S) -4-(N-{1-[N-(2-{4-[4-({[(1S)-1-carboxy-2-({1-[3-(3,4,5,6-tetrahydropyrimidin-2-ylamino)propyl](1H-indazol-5-yl)}carbonylamino)ethyl]amino}sulfonyl)-3,5-dimethylphenoxy]butanoylamino}ethyl)carbamoyl]-3-carboxypropyl}carbamoyl)-4-{2-[1,4,7,10-tetraaza-4,7,10-tris(carboxymethyl)cyclododecyl]acetylamino}butanoic acid;
- (4S) -4-(N-{1-[N-(2-{4-[4-({[(1S)-1-carboxy-2-({1-methyl-3-[3-(2-3,4,5,6-tetrahydropyridylamino)propyl] (1H-indazol-6-yl)}carbonylamino)ethyl]amino}sulfonyl)-3,5-dimethylphenoxy]butanoylamino}ethyl)carbamoyl]-3-carboxypropyl}carbamoyl)-4-{2-[1,4,7,10-tetraaza-4,7,10-tris(carboxymethyl)cyclododecyl]acetylamino}butanoicacid;
- (4S)-4-(N-{(1S)-1-[N-(2-{4-[4-({[(1S)-1-carboxy-2-({1-[2-(2-3,4,5,6-tetrahydropyridylamino)ethyl] (1H-indazol-5-yl)}carbonylamino)ethyl]amino}sulfonyl)-3,5-dimethylphenoxy]butanoylamino}ethyl)carbamoyl]-3-carboxypropyl}carbamoyl)-4-{2-[1,4,7,10-tetraaza-4,7,10-tris(carboxymethyl)cyclododecyl]acetylamino}butanoic acid;
- (2S) -2-{[(2,6-dimethyl-4-{3-[N-(2-{2-[1,4,7,10-tetraaza-4,7,10-tris(carboxymethyl)cyclododecyl]acetylamino}ethyl)carbamoyl]propoxy}phenyl)sulfonyl]amino}-3-({2-[2-(2-3,4,5,6-tetrahydropyridylamino)ethyl](2-hydro-1H-indazol-5-yl)}carbonylamino)propanoic acid;

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- (4S) -4-{N-[(1S)-1-(N-{2-[({4-[4-({[(1S)-1-carboxy-2-({1-[2-(2-3,4,5,6-tetrahydropyridylamino)ethyl] (1H-indazol-5-yl)}carbonylamino)ethyl]amino}sulfonyl)phenyl]
  phenyl}sulfonyl)amino]ethyl}carbamoyl)-3-carboxypropyl]
  carbamoyl}-4-{2-[1,4,7,10-tetraaza-4,7,10-tris(carboxymethyl)cyclododecyl]acetylamino}butanoic acid;
- (4S) -4-{N-[(1S)-1-(N-{2-[({4-[4-({[(1S)-1-carboxy-2-({1-[3-(3,4,5,6-tetrahydropyrimidin-2-ylamino) propyl](1H-indazol-5-yl)}carbonylamino)ethyl]amino}sulfonyl)
  phenyl]phenyl}sulfonyl)amino]ethyl}carbamoyl)-3-carboxy
  propyl]carbamoyl}-4-{2-[1,4,7,10-tetraaza-4,7,10-tris
  (carboxymethyl)cyclododecyl]acetylamino}butanoic acid;

- - or a pharmaceutically acceptable salt form thereof.
- 7.-57. (cancelled).